

PUBLICATIONS

- Heitmann*, S., Obergassel*, N., Fries, S., Grund, A., Berthold, K., & Roelle, J. (2021). Adaptive practice quizzing in a university lecture: A pre-registered field experiment. *Journal of Applied Research in Memory and Cognition*. <https://doi.org/10.1016/j.jarmac.2021.07.008>
- Heitmann, S., Grund, A., Fries, S., Berthold, K., & Roelle, J. (2021). The quizzing effect depends on hope of success and can be optimized by cognitive load-based adaptation. *Learning and Instruction*, 101526. <https://doi.org/10.1016/j.learninstruc.2021.101526>
- Waldeyer, J., Heitmann, S., Moning, J., & Roelle, J. (2020). Can generative learning tasks be optimized by incorporation of retrieval practice? *Journal of Applied Research in Memory and Cognition*, 9, 355-369. <https://doi.org/10.1016/j.jarmac.2020.05.001>
- Heitmann, S., Grund, A., Berthold, K., Fries, S., & Roelle, J. (2018). Testing is more desirable when it is adaptive and still desirable when compared to note-taking. *Frontiers in Psychology*, 9:2596. <https://doi.org/10.3389/fpsyg.2018.02596>

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CONFERENCE PRESENTATIONS

- Obergassel, N., Heitmann, S., Fries, S., Berthold, K., Grund, A., & Roelle, J. (2021, August). *Effects of adaptive quizzing: The type of adaptation matters*. 19th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Online, Belgium.
- Obergassel, N., Heitmann, S., Grund, A., Fries, S., Berthold, K., & Roelle, J. (2020, August). *Effects of adaptive quizzing: A pre-registered field experiment*. Virtual Conference of the EARLI Special Interest Groups 6+7 (EARLI SIG 6+7), Online, Belgium.
- Waldeyer, J., Moning, J., Heitmann, S., Hoogerheide, V., & Roelle, J. (2020, August). Does learning by teaching have double-edged effects? In V. Hoogerheide (Chair), *When and why does learning by teaching (not) foster learning?* Symposium presentation at the virtual Conference of the EARLI Special Interest Groups 6+7 (EARLI SIG 6+7), Online, Belgium.
- Heitmann, S., Grund, A., Fries, S., Berthold, K., & Roelle, J. (2019, September). *The influence of achievement motives and adaptivity on practice quizzing*. In V. Kubik (Chair), *Pedagogical tools to enhance learning: Mnemonic effects of retrieval practice and generating questions*. Symposium presentation at the Joint Conference of the Sections of Developmental Psychology and Educational Psychology of the German Psychological Association (PAEPSY), Leipzig, Deutschland.

- Heitmann, S., Grund, A., Berthold, K., Fries, S., & Roelle, J. (2019, August). *Adaptive Testing Increases the Testing Effect*. In J. Roelle (Chair), *How to optimize retrieval-based learning?* Symposium presentation at the 18th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Aachen, Germany.
- Heitmann, S., Grund, A., Berthold, K., Fries, S., & Roelle, J. (2019, April). *Adaptive Quizzing Further Increases Learning Outcomes*. Paper presentation at the Tagung experimentell arbeitender Psychologen (TeaP), London, United Kingdom.
- Roelle, J. & Heitmann, S. (2018, September). *Diagnoseorientiertes und interventionsorientiertes (adaptives) Testen*. Symposium auf dem 51. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Frankfurt, Deutschland.
- Heitmann, S., Grund, A., Berthold, K., Fries, S., & Roelle, J. (2018, September). *Testbasiertes Lernen: Sollten Lernende adaptive Testaufgaben erhalten?* In J. Roelle & S. Kochanek (Chair), *Diagnoseorientiertes und interventionsorientiertes (adaptives) Testen*. Symposium auf dem 51. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Frankfurt, Deutschland.
- Kochanek, S., Grund, A., Berthold, K., Fries, S., & Roelle, J. (2018, August). *Test-based learning: Should learners receive adapted test questions?* Paper presentation at the EARLI SIG 6-7 Conference, Bonn, Germany.
- Kochanek, S., Grund, A., Berthold, K., Fries, S. & Roelle, J. (2017, Juli). *Produktorientierte und prozessorientierte Adaptation testbasierten Lernens*. Posterpräsentation auf der 1. Fachtagung Hochschulen im digitalen Zeitalter, Berlin, Deutschland.